

Claims

Claims 1-363 (previously cancelled)

364. (Previously Amended) For use in a wireless communication system including a wireless unit, having; an output member, a CPU, a memory, and a method for alerting an operator, comprising the steps of:

- a) storing caller identifying data of a potential communicant in a database record in memory;
- b) using the wireless unit to receive a wireless signal containing at least one of the caller identifying data;
- c) using the CPU to determine whether at least one of the caller identifying data of the potential communicant received matches caller identifying data stored in the database record recorded in memory; and
- d) using the CPU to alert the operator on the output member when it is determined that at least one of the caller identifying data matches stored caller identifying data of the potential communicant.

Claims 365-417 (Previously Cancelled)

418. (Original) The method according to claim 364 wherein the output member is a display member and the method for alerting the operator includes the step of displaying an image.

419. (Original) The method according to claim 418 wherein the image is at least one of the following:

- a) iconographic data;
- b) logo data;
- c) data representative of the calling party;
- d) photo image;
- e) video image data; and
- f) other graphic image data.

420. (Original) The method according to claim 364 wherein the output member is a sound output and the method for alerting the user includes the step of generating a sound output.

421. (Original) A method as in Claim 420 wherein the sound data is at least one of the following:

- a) .WAV file;
- b) personal computer file;
- c) recorded sound;
- d) uploaded sound; and
- e) pre-stored voice signal.

422. (Original) The method according to claim 364 wherein the wireless unit is a paging receiver and the step of receiving the wireless signal comprises receiving the wireless paging signal by the paging receiver.

423. (Original) The method according to claim 422 wherein the output member is a display member and the method for alerting the operator includes the step of displaying an image.

424. (Original) A method according to claim 423 wherein the image is at least one of the following:

- a) iconographic data;
- b) logo data;
- c) data representative of the calling party;
- d) photo image;
- e) video image data; and
- f) other graphic image data.

425. (Original) The method according to claim 364 wherein the output member is a sound output and the method for alerting the user includes the step of generating a sound output.

426. (Original) A method as in Claim 425 wherein the sound data is at least one of the following:

- a) .WAV file;
- b) personal computer file;
- c) recorded sound;
- d) uploaded sound; and
- e) pre-stored voice signal.

427. (Original) The method according to claim 364 wherein the wireless unit is a wireless personal communicator and the step of receiving the wireless signal comprises receiving the wireless signal by a wireless personal communicator.

428. (Original) The method according to claim 427 wherein the output member is a display member and the method for alerting the operator includes the step of displaying an image.

429. (Original) A method according to claim 428 wherein the image is at least one of the following:

- a) iconographic data;
- b) logo data;
- c) data representative of the calling party;
- d) photo image;
- e) video image data; and
- f) other graphic image data.

430. (Original) The method according to claim 427 wherein the output member is a sound output and the method for alerting the user includes the step of generating a sound output.

431. (Original) A method as in Claim 430 wherein the sound data is at least one of the following:

- a) .WAV file;
- b) personal computer file;
- c) recorded sound;
- d) uploaded sound; and
- e) pre-stored voice signal.

432.(Original) A method for displaying an image on a wireless personal communicator, comprising the steps of:

- a) pre-storing an image representative of at least one potential communicant in a memory contained in the wireless personal communicator;
- b) pre-storing numeric caller identifying data associated with the image representative of the at least one potential communicant in the memory contained in the wireless personal communicator;
- c) receiving a wireless signal at the wireless personal communicator containing the at least one of caller identifying data related to a calling party ;
- d) comparing at least one of the received caller identifying data with the pre-stored numeric caller identifying data to determine if there is a match between at least one of the received caller identifying data and the pre-stored numeric caller identifying data; and
- e) displaying the pre-stored image representative of the at least one potential communicant on a display in the wireless personal communicator when it is determined that at least one of the received caller identifying data received matches the pre-stored numeric caller identifying data of the at least one potential communicant.

433. (Original) A method as in Claim 432 wherein the wireless personal communicator provides information to an operator of the wireless personal communicator indicating that the received caller identifying data fails to match with the pre-stored numeric caller identifying data.

434. (Original) A method as in Claim 433 further comprising a prompt to the operator of the wireless personal communication device to enter data into memory that corresponds to received caller identifying data.

435. (Original) A method as in Claim 432 wherein at least one of the caller identifying data received is displayed along with the pre-stored image representative of the at least one potential communicant.

436. (Original) A method as in Claim 432 wherein at least one of :

- a) received caller identifying data,
- b) a flashing iconographic indicator,
- c) the duration of a message received,
- d) time information, and
- e) pre-stored numeric caller identifying data,

is displayed along with the pre-stored image representative of a calling party.

437. (Original) A method as in Claim 433 wherein the display is a touch screen display adapted to accept at least one of :

- a) programming of soft-keys for various functions,
- b) scrolling,
- c) data entry,
- d) message selection,
- e) selection of icons,
- f) selection of menu buttons, and
- g) other items by an operator of the wireless personal communicator.

438. (Original) A method as in Claim 432 where the display includes a graphical user interface.

439. (Original) A method for displaying an image in a wireless personal communicator, comprising the steps of:

- a) pre-storing an image representative of at least one potential communicant in a memory contained in the wireless personal communicator;
- b) pre-storing alpha-numeric caller identifying data associated with an image of at least one potential communicant in the memory;
- c) receiving a wireless signal at the wireless personal communicator containing at least one caller identifying data;
- d) comparing the at least one of caller identifying data related to a calling party received with the pre-stored alpha-numeric caller identifying data to determine if there is a match between at least one of the received caller identifying data and the pre-stored alpha-numeric caller identifying data;
- e) displaying a pre-stored image representative of the at least one potential

communicant on a display in the wireless personal communicator when it is determined that at least one of the received caller identifying data matches the pre-stored alpha-numeric caller identifying data of the at least one potential communicant.

440. (Original) A method as in Claim 439 wherein the wireless personal communicator provides information to an operator of the wireless personal communicator indicating that the received caller identifying data fails to match the pre-stored alpha-numeric caller identifying data.

441. (Original) A method as in Claim 440 further comprising a prompt to the operator of the wireless personal communication device to enter the received caller identifying data into memory.

442. (Original) A method as in Claim 439 wherein at least one of the caller identifying data received is displayed along with the pre-stored image of the at least one potential communicant

443. (Original) A method as in Claim 439 where at least one of:

- a) received caller identifying data,
- b) a flashing iconographic indicator,
- c) the duration of a message received,
- d) time information, and
- e) pre-stored alpha-numeric caller identifying data

is displayed along with the pre-stored image representative of a calling party.

444. (Original) A method as in Claim 439 wherein the display is a touch screen display adapted to accept at least one of:

- a) programming of soft-keys for various functions,
- b) scrolling,
- c) data entry,
- d) message selection,
- e) selection of icons,
- f) selection of menu buttons, and
- g) other items

by an operator of the wireless personal communicator.

445. (Original) A method as in Claim 439 wherein the display includes a graphical user interface.

446. (Original) A method as in Claim 439 wherein the pre-stored image is at least one of the following:

- a) iconographic data;
- b) logo data;
- c) data representative of the calling party;
- d) photo image;
- e) video image data; and
- f) other graphic image data.

447. (Original) A method as in Claim 439 where the pre-stored image is at least one of the following:

- a) iconographic data;
- b) logo data;
- c) data representative of the calling party;
- d) photo image;
- e) video image data; and
- f) other graphic image data.

448. (Original) For use in a wireless communication system including a wireless unit, having; a sound output device, a CPU, a memory, and a method for generating a sound comprising the steps of:

- a) storing sound data and caller identifying data of a potential communicant in a database record in memory in the wireless unit;
- b) using the wireless unit to receive a wireless signal containing at least one caller identifying data;
- c) using the CPU to determine whether caller identifying data received in the wireless paging signal matches caller identifying data stored in the in memory; and
- d) using the sound output device to generate a sound using a sound output device when it is determined that the received caller identifying data matches stored caller identifying data of the potential communicant.

449. (Original) A method as in Claim 448 where the sound data is at least one of the following:

- a) .WAV file;
- b) personal computer file;
- c) recorded sound;
- d) uploaded sound; and
- e) pre-stored voice signal.